

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

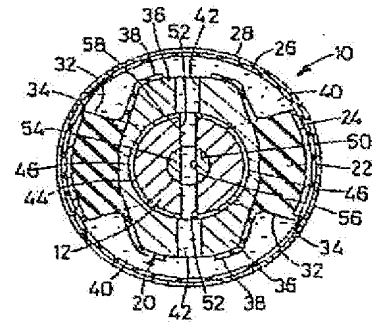
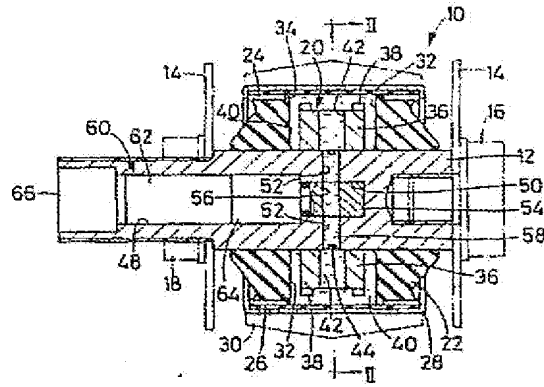
PUBLICATION NUMBER : 63176843
PUBLICATION DATE : 21-07-88
APPLICATION DATE : 13-01-87
APPLICATION NUMBER : 62006924

APPLICANT : TOKAI RUBBER IND LTD;

INVENTOR : KAINUMA KENICHI;

INT.CL. : F16F 13/00 B60G 7/00 B60K 5/12

TITLE : VIBRO-ISOLATING SUPPORT DEVICE
OF FLUID SEALED TYPE



ABSTRACT : **PURPOSE:** To enable the embodiment of two types of vibration-proof characteristics selectively with a single bush by arranging a control means within a control hole for turning a valve means about the spindle thereof by the predetermined angle for controlling the continuity condition of a plurality of fluid chambers via the second orifice means, according to an instruction from the outside.

CONSTITUTION: When a drive device 60 has turned a rod 54 in response to the running condition of a vehicle and the second orifice 58 has been shut off, a fluid moves between fluid chambers 40 and 40 via only the first orifice 46. In a bush 10 under control, vibration-proof characteristics are embodied on the basis of a flow passage sectional area and length set in the primary orifice 46. Also, when a communication hole 56 and a continuity hole 52 are located on the same axial center due to the turn of the rod 54 and the second orifice 58 is under a continuity condition, and a bush 10 has been applied with a force orthogonal with an axial direction, the motion of the fluid between the fluid chambers 40 appears mainly via the second orifice 58 and vibration-proof characteristics are embodied on the basis of said sectional area and length set in the second orifice 58.

COPYRIGHT: (C)1988,JPO&Japio